

# INTERNATIONAL SEARCH REPORT

International Application No.  
PCT/EP2005/050900

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C12Q1/48 C07D473/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C12Q C07D C07H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data, BIOSIS, MEDLINE, EMBASE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/083937 A (KEPPLER ANTJE; ECOLE POLYTECH (CH); JOHNSON KAI (CH); GENDREIZIG) 24 October 2002 (2002-10-24) page 8	1-47
X	DE 199 03 895 A (JOHNSON KAI) 3 August 2000 (2000-08-03) the whole document	1-47
X	JUILLERAT, ALEXANDRE ET AL: "Directed Evolution of O6-Alkylguanine-DNA Alkyltransferase for Efficient Labeling of Fusion Proteins with Small Molecules In Vivo" CHEMISTRY & BIOLOGY, 10(4), 313-317 CODEN: CBOLE2; ISSN: 1074-5521, 2003, XP002288298 page 313 - page 314	1-47

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

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Date of the actual completion of the international search

8 June 2005

Date of mailing of the international search report

17/06/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DAMOISEAUX R ET AL: "Synthesis and applications of chemical probes for human 06-alkylguanine-DNA alkyltransferase". CHEMBIOCHEM - A EUROPEAN JOURNAL OF CHEMICAL BIOLOGY, WILEY VCH, WEINHEIM, DE, vol. 2, no. 4, 2 April 2001 (2001-04-02), pages 285-287, XP001148325 ISSN: 1439-4227 page 285 - page 287	1-47
X	WO 97/20843 A (MIDDLETON MARK ROSS ;RAFFERTY JOSEPH ANTHONY (GB); KELLY JANE (GB)) 12 June 1997 (1997-06-12) claims 1,2	1-47
X	US 5 691 307 A (CHAE MI-YOUNG ET AL) 25 November 1997 (1997-11-25) claim 1	1-47
A	WO 01/85221 A (UNIV DUKE) 15 November 2001 (2001-11-15) the whole document	44-47
A	KEPPLER ANTJE ET AL: "A general method for the covalent labeling of fusion proteins with small molecules in vivo" NATURE BIOTECHNOLOGY, NATURE PUBLISHING, US, vol. 21, no. 1, 20 January 2003 (2003-01-20), pages 86-89, XP002231034 ISSN: 1087-0156 page 86	1-47
P,X	WO 2004/031405 A (BIERI CHRISTOPH ; ECOLE POLYTECH (CH); JOHNSON KAI (CH); KINDERMANN M) 15 April 2004 (2004-04-15) claim 1	1-47

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Information on patent family members

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